



PRODUCT DATA

Brand Name: **VIBROCAST ASC**

Description: VIBROCAST ASC is an alumina-spinel castable. This castables can be installed by vibration casting methods or used in manufacture of precast shapes.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3400°F (1870°C)

	<u>Cast Data</u>	
<u>Bulk Density (pcf)</u>		
After 220°F (105°C)	181	(2.90 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 220°F (105°C)	7500	(525 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 1500°F (815°C)	-0.1 to 0.0	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	94.6
Silica (SiO ₂)	0.1
Iron Oxide (Fe ₂ O ₃)	0.1
Magnesia (MgO)	3.6
Lime (CaO)	1.6
Alkalis (Na ₂ O+K ₂ O)	0.1

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 4111

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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